## Jones Environmental, Inc.

## **Testing Laboratories**

P.O. Box 5387 • Fullerton, CA 92838 (714) 449-9937 • FAX (714) 4499685

#### JONES ENVIRONMENTAL

#### LABORATORY REPORT

Client: **Client Address:**  Premier Environmental Service

18425 Burbank Blvd., Suite 717 Tarzana, CA 91356

JEL Ref. No.: Client Ref. No.:

Report Date:

05/01/09 B-4886

408010

Attn:

Robin Ferber

Date Sampled: Date Received: 04/30/09

**Project** 

**FULLERTON BUSINESS CENTER** 

Date Analyzed: Physical State:

04/30/09 04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Soil Gas

## ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sampling - Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 1 purge volume was used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical - Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D. Laboratory Manager

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service

18425 Burbank Blvd., Suite 717

Tarzana, CA 91356

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Robin Ferber

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Date Received:

04/30/09 04/30/09

Project **Project Address:** 

FULLERTON BUSINESS CENTER

1401 E. Orangethorpe Ave., Fullerton, CA

Date Analyzed: Physical State:

Soil Gas

## EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	19Y-1- 10 1P	$\frac{19Y-1-}{\frac{10}{3P}}$	19Y-1- 10 7P	19Y-1- 20 1P	19Y-1- 20 3P	<u>Practical</u> <u>Ouantitation</u> <u>Limits</u>	<u>Units</u>
Benzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	ug/L
Bromoform	ND	ND	ND	ND	ND	0.020	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Chloroform	ND	ND	ND	ND	ND	0.020	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.020	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L

= Not Detected ND



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#### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client:

Premier Environmental Service

Report Date: JEL Ref. No.: 05/01/09

Client Address:

18425 Burbank Blvd., Suite 717

B-4886

Tarzana, CA 91356

Client Ref. No.:

408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

Date Received:

04/30/09

**Project Project Address:**  FULLERTON BUSINESS CENTER 1401 E. Orangethorpe Ave., Fullcrton, CA Date Analyzed:

04/30/09

Physical State:

Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

		<u> 19<b>Y-1-</b></u>	<u> 19Y-1-</u>	<u> 19Y-1-</u>	<u> 19Y-1-</u>	<u> 19Y-1-</u>	<u>Practical</u>	
	Sample ID:	<u>10</u> <u>1P</u>	$\frac{10}{3P}$	<u>10</u> <u>7P</u>	<u>20</u>	<u>20</u> <u>3P</u>	<u>Quantitation</u>	<u>Units</u>
		<u>1P</u>	<u>3P</u>	<u>7P</u>	<u>1P</u>	<u>3P</u>	<u>Limits</u>	
	Analytes:							
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
	1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
	1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
	2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
	1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
	Ethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
	Freon 113	ND	ND	ND	ND	ND	0.020	ug/L
	Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	ug/L
	Isopropylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
	4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	ug/L
	Methylene chloride	ND	ND	ND	ND	ND	0.020	ug/L
	Naphthalene	ND	ND	ND	ND	ND	0.020	ug/L
	n-Propylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
	Styrene	ND	ND	ND	ND	ND	0.020	ug/L
	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
	1,1,2,2-Tetrachlorocthane	ND	ND	ND	ND	ND	0.020	ug/L
70F	Tetrachloroethylene	ND	ND	ND	0.025	ND	0.020	ug/L
- T	Toluene	ND	ND	ND	0.031	ND	0.020	ug/L
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
HITCH	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
11110	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
TCF	Trichloroethylene	ND	ND	ND	0.112	ND	0.020	ug/L
100	•							

#### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

**Project** 

**Date Received:** 

04/30/09

FULLERTON BUSINESS CENTER

Date Analyzed:

04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Physical State:

Soil Gas

### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-1-	19Y-1-	<u> 19Y-1-</u>	19Y-1-	19Y-1-	<u>Practical</u>	
Sample ID:	10	10	10	20	<u>20</u>	<b>Quantitation</b>	<u>Units</u>
<del>\</del>	<u>10</u> <u>1P</u>	<u>10</u> <u>3P</u>	<u>10</u> <u>7P</u>	<u>1P</u>	<u>3P</u>	<u>Limits</u>	
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	ug/L
Xylenes	ND	ND	ND	ND	ND	0.020	ug/L
MTBE	ND	ND	ND	ND	ND	0.020	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	ug/L
TIC							
n-Propanol	ND	ND	ND	ND	ND	0.020	ug/L
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						<b>QC</b> Limits	
Dibromofluoromethane	112%	116%	116%	104%	101%	60 - 140	
Toluene-d <sub>8</sub>	96%	95%	94%	101%	103%	60 - 140	
4-Bromofluorobenzene	91%	89%	90%	108%	105%	60 - 140	

#### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717

Report Date: JEL Ref. No.: Client Ref. No.: 05/01/09 B-4886

Tarzana, CA 91356

408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

**Project** 

Date Received: Date Analyzed:

04/30/09 04/30/09

**Project Address:** 

FULLERTON BUSINESS CENTER 1401 E. Orangethorpe Ave., Fullerton, CA

**Physical State:** 

Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-1-	19 <b>Y-2-</b>	<u> 19Y-2-</u>	<u> 19Y-2-</u>	<u> 19Y-2-</u>	<u>Practical</u>	
Sample ID:	<u>20</u> <u>7P</u>	10 3P	<u>10</u> <u>1P</u>	<u>10</u> 7P	<u>20</u>	<u>Quantitation</u> Limits	<u>Units</u>
	<u>7P</u>	<u>3P</u>	<u>1P</u>	<u>7P</u>		Linits	
Analytes:							/x
Benzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	ug/L
Bromoform	ND	ND	ND	ND	ND	0.020	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Chloroform	ND	ND	ND	ND	0.038	0.020	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.020	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	ND	ND ·	ND	ND	0.020	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L



### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

**Date Sampled:** 

04/30/09

**Project** 

FULLERTON BUSINESS CENTER

Date Received:

04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Date Analyzed: Physical State:

04/30/09 Soil Gas

## EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample ID:	19Y-1- 20 7P	19Y-2- 10 3P	19Y-2- 10 1P	19Y-2- 10 7P	19Y-2- 20	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:	NIIN	ND	ND	ND	ND	0.020	ug/L
cis-1,2-Dichloroethene	ND		ND ND	ND	ND ND	0.020	ug/L ug/L
trans-1,2-Dichloroethene	ND	ND		ND ND	ND ND	0.020	ug/L ug/L
1,2-Dichloropropane	ND	ND	ND			0.020	ug/L ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND		
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Freon 113	ND	ND	ND	ND	ND	0.020	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	ug/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.020	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Styrene	ND	ND	ND	ND	ND	0.020	ug/L
1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Tetrachloroethylene	ND	ND	ND	ND	0.158	0.020	ug/L
Toluene	0.020	ND	ND	ND	0.064	0.020	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Trichloroethylene	ND	3.35	5.61	0.804	15.0	0.020	ug/L

= Not Detected ND

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: Client Address: Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

**Project** 

FULLERTON BUSINESS CENTER

Date Received: Date Analyzed: 04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

**Physical State:** 

04/30/09 Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-1-	<u> 19Y-2-</u>	<u> 19Y-2-</u>	<u> 19Y-2-</u>	<u> 19Y-2-</u>	<u>Practical</u>	
Sample ID:	20	10	10	10	<u>20</u>	<b>Quantitation</b>	Units
<del> </del>	<u>20</u> <u>7P</u>	10 3P	<u>10</u> <u>1P</u>	<u>10</u> 7P		<u>Limits</u>	
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	ug/L
Xylenes	ND	ND	ND	ND	ND	0.020	ug/L
MTBE	ND	ND	ND	ND	ND	0.020	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	ug/L
TIC							
n-Propanol	ND	ND	ND	ND	ND	0.020	ug/L
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						<b>QC</b> Limits	
Dibromofluoromethane	104%	112%	114%	112%	99%	60 - 140	
Toluene-d <sub>8</sub>	101%	103%	95%	93%	105%	60 - 140	
4-Bromofluorobenzene	99%	87%	92%	90%	100%	60 - 140	

## JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717 **Report Date:** JEL Ref. No.: 05/01/09 B-4886

Tarzana, CA 91356

Client Ref. No.:

408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

Date Received:

04/30/09

**Project** 

FULLERTON BUSINESS CENTER

Date Analyzed:

04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Physical State:

Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-3-	19Y-3-	19 <b>Y-4-</b>	19Y-4-	19Y-5-	<u>Practical</u>	
Sample ID:	10	20	10	20	10	<u>Quantitation</u>	<u>Units</u>
-						<u>Limits</u>	
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	ug/L
Bromoform	ND	ND	ND	ND	ND	0.020	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Chloroform	ND	ND	ND	ND	ND	0.020	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.020	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethane	ND	ND	ND	0.049	ND	0.020	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1 1-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: Client Address: Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09 B-4886

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

Project

FULLERTON BUSINESS CENTER

Date Received:
Date Analyzed:

04/30/09 04/30/09

Project Address:

1401 E. Orangethorpe Ave., Fullerton, CA

Physical State:

Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	<u> 19Y-3-</u>	<u> 19Y-3-</u>	<u> 19Y-4-</u>	<u> 19Y-4-</u>	<u> 19Y-5-</u>	<u>Practical</u>	
Sample ID:	<u>10</u>	<u>20</u>	<u>10</u>	<u>20</u>	<u>10</u>	<u>Quantitation</u> Limits	<u>Units</u>
Analytes:						Limits	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloropropane	ND ND	ND ND	ND	ND ND	ND	0.020	ug/L ug/L
1,3-Dichloropropane	ND ND	ND ND	ND	ND ND	ND	0.020	ug/L ug/L
2,2-Dichloropropane			ND ND	ND	ND	0.020	
1,1-Dichloropropene	ND	ND		ND	ND ND	0.020	ug/L ug/L
, , ,	ND	ND	ND				
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
Ethylbenzene	ND	ND	ND	0.084	ND	0.020	ug/L
Freon 113	ND	ND	ND	ND	ND	0.020	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	ug/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.020	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Styrene	ND	ND	ND	ND	ND	0.020	ug/L
1,1,1,2-Tetrachlorocthane	ND	ND	ND	ND	ND	0.020	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Tetrachloroethylene	ND	0.023	ND	0.166	ND	0.020	ug/L
_Toluene	ND	0.072	ND	ND	ND	0.020	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,1,1-Trichloroethane	0.046	ND	1.25	1.79	ND	0.020	ug/L
1.1.2-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Trichloroethylene	ND	ND	0.251	1.22	ND	0.020	ug/L

ND

#### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:** 

Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

**Project** 

Date Received:

04/30/09

**Project Address:** 

FULLERTON BUSINESS CENTER 1401 E. Orangethorpe Ave., Fullerton, CA Date Analyzed: Physical State:

04/30/09 Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-3-	<u> 19Y-3-</u>	<u> 19Y-4-</u>	<u> 19Y-4-</u>	<u> 19Y-5-</u>	<u>Practical</u>	
Sample ID:	10	<u>20</u>	<u>10</u>	<u>20</u>	10	<u>Ouantitation</u>	Units
	_	—				<u>Limits</u>	
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	ug/L
Xylenes	ND	ND	ND	0.688	ND	0.020	ug/L
MTBE	ND	ND	ND	ND	ND	0.020	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	ug/L
TIC							
n-Propanol	ND	ND	ND	ND	ND	0.020	ug/L
•							
<b>Dilution Factor</b>	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	109%	94%	107%	98%	92%	60 - 140	
Toluene-d <sub>8</sub>	94%	105%	91%	105%	114%	60 - 140	
4-Bromofluorobenzene	89%	102%	88%	102%	89%	60 - 140	
	-2.4						

= Not Detected ND

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: Client Address: Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn: Robin Ferber

Date Sampled:

04/30/09

Project

FULLERTON BUSINESS CENTER

Date Received:

04/30/09

Project Address:

1401 E. Orangethorpe Ave., Fullerton, CA

Date Analyzed: Physical State: 04/30/09 Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-5-	<u> 19Y-6-</u>	<u> 19Y-6-</u>	<u> 19Y-7-</u>	<u> 19Y-7-</u>	<u>Practical</u>	
Sample ID:	<u>20</u>	<u>10</u>	<u>20</u>	<u>10</u>	<u>20</u>	<u>Quantitation</u>	<u>Units</u>
						<u>Limits</u>	
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	ug/L
Bromoform	ND	ND	ND	ND	ND	0.020	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Chloroform	ND	ND	ND	ND	ND	0.020	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.020	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L



## Jones Environmental, Inc.

## **Testing Laboratories**

P.O. Box 5387 • Fullerton, CA 92838 (714) 449-9937 • FAX (714) 4499685

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client:

Premier Environmental Service

Report Date: JEL Ref. No.: 05/01/09

**Client Address:** 

18425 Burbank Blvd., Suite 717 Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Robin Ferber

Date Sampled:

04/30/09

Attn:

Date Received:

04/30/09

Project

FULLERTON BUSINESS CENTER 1401 E. Orangethorpe Ave., Fullerton, CA Date Analyzed:

04/30/09

**Project Address:** 

**Physical State:** 

Soil Gas

## EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	<u> 19Y-5-</u>	<u> 19Y-6-</u>	<u> 19Y-6-</u>	<u> 19Y-7-</u>	<u> 19Y-7-</u>	<u>Practical</u>	
Sample ID:	<u>20</u>	<u>10</u>	<u>20</u>	<u>10</u>	<u>20</u>	<u>Ouantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:						17011113	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Freon 113	ND	ND	ND	ND	ND	0.020	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	ug/L
Isopropylbenzenc	ND	ND	ND	ND	ND	0.020	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.020	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Styrene	ND	ND	ND	ND	ND	0.020	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Tetrachloroethylene	0.092	ND	0.037	ND	0.032	0.020	ug/L
Toluene	ND	ND	0.023	ND	ND	0.020	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND.	0.020	ug/L
1,1,1-Trichloroethane	0.076	ND	ND	ND	ND	0.020	ug/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	ug/L
Trichloroethylene	0.984	ND	ND	ND	ND	0.020	ug/L

ND

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09 B-4886

Tarzana, CA 91356

Client Ref. No.:

408010

Attn:

Robin Ferber

**Date Sampled:** 

04/30/09

**Project** 

FULLERTON BUSINESS CENTER

Date Received:

04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Date Analyzed: **Physical State:** 

04/30/09 Soil Gas

## EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample ID:	19Y-5- 20	19 <b>Y-6-</b> 10	<u>19Y-6-</u> <u>20</u>	<u>19Y-7-</u> <u>10</u>	<u>19Y-7-</u> <u>20</u>	Practical Quantitation Limits	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	ug/L
Xylenes	ND	ND	ND	ND	ND	0.020	ug/L
MTBE	ND	ND	ND	ND	ND	0.020	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	ug/L
TIC							
n-Propanol	ND	ND	ND	ND	ND	0.020	ug/L
<b>Dilution Factor</b>	1	1	1	1	1		
Surrogate Recovery:						<b>QC</b> Limits	
Dibromofluoromethane	95%	100%	90%	102%	97%	60 - 140	
Toluene-d <sub>8</sub>	104%	92%	107%	92%	106%	60 - 140	
4-Bromofluorobenzene	103%	90%	103%	88%	102%	60 - 140	

#### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client:

Premier Environmental Service

Report Date: JEL Ref. No.: 05/01/09

**Client Address:** 

18425 Burbank Blvd., Suite 717

Client Ref. No.:

B-4886 408010

Tarzana, CA 91356

Date Sampled:

04/30/09

Attn:

Robin Ferber

Date Received:

04/30/09

Project

FULLERTON BUSINESS CENTER 1401 E. Orangethorpe Avc., Fullerton, CA Date Analyzed: Physical State:

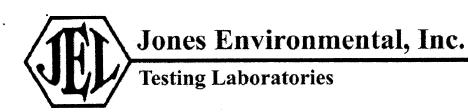
04/30/09

**Project Address:** 

Soil Gas

#### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample ID:	19Y-4- 10 DUP	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:			
Benzene	ND	0.020	ug/L
Bromobenzene	ND	0.020	ug/L
Bromodichloromethane	ND	0.020	ug/L
Bromoform	ND	0.020	ug/L
n-Butylbenzene	ND	0.020	ug/L
sec-Butylbenzene	ND	0.020	ug/L
tert-Butylbenzene	ND	0.020	ug/L
Carbon tetrachloride	ND	0.020	ug/L
Chlorobenzene	ND	0.020	ug/L
Chloroethane	ND	0.020	ug/L
Chloroform	ND	0.020	ug/L
Chloromethane	ND	0.020	ug/L
2-Chlorotoluene	ND	0.020	ug/L
4-Chlorotoluene	ND	0.020	ug/L
Dibromochloromethane	ND	0.020	ug/L
1,2-Dibromo-3-chloropropane	ND	0.020	ug/L
1,2-Dibromoethane (EDB)	ND	0.020	ug/L
Dibromomethane	ND	0.020	ug/L
1,2- Dichlorobenzene	ND	0.020	ug/L
1,3-Dichlorobenzenc	ND	0.020	ug/L
1,4-Dichlorobenzene	ND	0.020	ug/L
Dichlorodifluoromethane	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
1,1-Dichloroethene	ND	0.020	ug/L



### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09

Tarzana, CA 91356

Client Ref. No.:

B-4886 408010

Attn:

Robin Ferber

**Date Sampled:** 

04/30/09

Project

FULLERTON BUSINESS CENTER

Date Received:

04/30/09 04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

Date Analyzed: Physical State:

Soil Gas

## EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample ID:	19Y-4- 10 DUP	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:			
cis-1,2-Dichloroethene	ND	0.020	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,2-Dichloropropane	ND	0.020	ug/L
1,3-Dichloropropane	ND	0.020	ug/L
2,2-Dichloropropane	ND	0.020	ug/L
1,1-Dichloropropene	ND	0.020	ug/L
cis-1,3-Dichloropropene	ND	0.020	ug/L
trans-1,3-Dichloropropene	ND	0.020	ug/L
Ethylbenzene	ND	0.020	ug/L
Freon 113	ND	0.020	ug/L
Hexachlorobutadiene	ND	0.020	ug/L
Isopropylbenzene	ND	0.020	ug/L
4-Isopropyltoluene	ND	0.020	ug/L
Methylene chloride	ND	0.020	ug/L
Naphthalene	ND	0.020	ug/L
n-Propylbenzene	ND	0.020	ug/L
Styrene	ND	0.020	ug/L
1,1,1,2-Tetrachloroethane	ND	0.020	ug/L
1,1,2,2-Tetrachloroethane	ND	0.020	ug/L
Tctrachloroethylene	ND	0.020	ug/L
Toluene	ND	0.020	ug/L
1,2,3-Trichlorobenzene	ND	0.020	ug/L
1,2,4-Trichlorobenzene	ND	0.020	ug/L
1,1,1-Trichloroethane	1.50	0.020	ug/L
1,1,2-Trichloroethane	ND	0.020	ug/L
Trichloroethylene	0.381	0.020	ug/L

ND

### JONES ENVIRONMENTAL

#### LABORATORY RESULTS

Client: **Client Address:**  Premier Environmental Service

Report Date: JEL Ref. No.:

05/01/09 B-4886

18425 Burbank Blvd., Suite 717 Tarzana, CA 91356

Client Ref. No.:

408010

Attn:

Robin Ferber

Date Sampled:

04/30/09

**Project** 

Date Received:

04/30/09 04/30/09

**Project Address:** 

**FULLERTON BUSINESS CENTER** 1401 E. Orangethorpe Ave., Fullerton, CA Date Analyzed: **Physical State:** 

Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates

	19Y-4-	<u>Practical</u>	
Sample ID:	10	<u>Quantitation</u>	<u>Units</u>
	DUP	<u>Limits</u>	
Analytes:			
Trichlorofluoromethane	ND	0.020	ug/L
1,2,3-Trichloropropane	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	0.020	ug/L
Vinyl chloride	ND	0.0 <b>2</b> 0	ug/L
Xylenes	ND	0.020	ug/L
MTBE	ND	0.020	ug/L
Ethyl-tert-butylether	ND	0.020	ug/L
Di-isopropylether	ND	0.020	ug/L
tert-amylmethylether	ND	0.020	ug/L
tert-Butylalcohol	ND	0.100	ug/L
TIC			æ
n-Propanol	ND	0.020	ug/L
Da dan Baran	1		
Dilution Factor	1		
Surrogate Recovery:		QC Limits	
Dibromofluoromethane	103%	60 - 140	
Toluene-d <sub>8</sub>	94%	60 - 140	
4-Bromofluorobenzenc	90%	60 - 140	
4-Diomondoloucizene	7070		

#### JONES ENVIRONMENTAL

## QUALITY CONTROL INFORMATION

Client: Client Address: Premier Environmental Service 18425 Burbank Blvd., Suite 717 Report Date: JEL Ref. No.: 05/01/09 B-4886

Tarzana, CA 91356

Client Ref. No.:

408010

Attn:

Robin Ferber

Date Sampled: Date Received: 04/30/09 04/30/09

**Project** 

FULLERTON BUSINESS CENTER

**Date Analyzed:** 

04/30/09

**Project Address:** 

1401 E. Orangethorpe Ave., Fullerton, CA

**Physical State:** 

Soil Gas

### EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sample Spiked: AMBIENT AIR

<u>Parameter</u>	MS Recovery (%)	MSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)
1,1-Dichloroethylene	85%	88%	3.1%	60 - 140
Benzene	95%	96%	1.6%	60 - 140
Trichloroethylene	94%	98%	3.8%	60 - 140
Toluene	94%	97%	4.0%	60 - 140
Chlorobenzene	102%	103%	1.1%	60 - 140

### Sample Spiked: AMBIENT AIR

<u>Parameter</u>	MS <u>Recovery (%)</u>	MSD Recovery (%)	RPD	Acceptability Range (%)
1,1-Dichloroethylene	83%	89%	7.6%	60 - 140
Benzene	84%	89%	6.2%	60 - 140
Trichloroethylene	85%	96%	12%	60 - 140
Toluene	94%	101%	7.2%	60 - 140
Chlorobenzene	99%	107%	7.3%	60 - 140

Method Blank = Not Detected

= Matrix Spike MS

MSD = Matrix Spike Duplicate RPD = Relative Percent Difference

JONES
ENVIRONMENTAL
TESTING LABORATORIES

P.O. Box 5387 Fullerton, CA 92838 (714):449-9937 Fax (714):449-9685

# **Chain-of-Custody Record**

TESTING LABORATORIES														
Project Name	Su	CNOK.	Date D4/3 Client Project				,	, g <sub>s</sub> (20)	/ / <sup>^</sup>	nalysis	Requi	ested	///	B4886 Page 1 of 3
Project Address  1 40 1 E DKA  LILENTON (A  Project Contact  Rossin Fense	~b€7	THOMPE	Rush 2 Rush 7 Norma Mobile	late Attention 4-48 Hours 2-96 Hours I Lab	SOIL GAS Purge Vol: 14-19 LI 3P Tracer: N-14-10-11 Purge Rale ZZZZO Laboratory	Colmin Colmin			i 		//	The contract of the contract o	Ability Remarks/S	Sample Condition as Received: Chilled Dyes Mano Sceled Mycs Mano
Sample ID	Volume	Discussion	Date	Time	Sample Number	13 8	7		1-1	/ /	-4	ا د ا	/ Remarks/S	ipecial Instructions
19 Y-1-10'	1	PURE TES	<del>. </del>	04:45	B4886-1	54	$\langle  $					1	610886	ASTILLE SIN
19V-1-10	3	PURGE TES	7	10.00	14886-2	SG	$\langle$					1	ы	.1
19 V-1-10	7	PURLE TEXT		10:17	B4886-3	SU	X					1	Ŋ	Ą
16 V 1-70'	ı	Piner Tes	1	10:30	B486-4	56						1	Ŋ	17
1971-70	3	Digital Tura		10:50	B4886-5	St-	X					1	И	u
19 Y 1 22'	7	PUBLIC THAT	4	11:20	B4886-6	SG	X					I	i]	4
19 V-2-10	3	Puply Ton		10:40	04886-7	56	X					1	h	ч
19 V 2-10		Pur To		//, 23	B4866-8		V					1	h	h
197210	7	PULLETEST	_	11 45	B4886-9	SC	$\langle \rangle$		1			Ī	h	4
171-2-10	1	VILLE IEST		11:42	nucel - In	8	$\sqrt{}$		<del> </del>			1	1 1	4
G Y- 2-20	<u> </u>	P	1/30/09	② Received by (	Signature)	ا فحدا			Date /	1	<u>ا</u> اح			nber of Containers
Ompan D Roomer Eur	Jawa I	al Sucs.	inte /	Company  • Received by t	JET				Time	7 .:0	ر <u>ن</u>	this ( author abov	Chain of Gustody for prization to perform e under the Terms	n the analyses specified and Conditions set
Сотрапу		7	ине	Company					Time			lorth	on the back hered	DI.

JONES ENVIRONMET TESTINGLABORATORIES	ATY		P.O. Box 53 erion, CA 928 (714) 449-99 (714) 449-95	<b>38</b> 137		Chai	in-	of	f-(	Cu	S	to	dy F	Record
Glient DEMITTER Project Name  The state of t	. (		Date O C	3 project	for			/		Analy	rsis Her	quested	///	SEL Project #
Project Address 1401 E. Oka Project Contact Rossin France	2657 Cer	HVRAE		Immedi Rush 24		SOIL GAS Purge vol: \$1P 12 3P Tracer: \$\infty - Purge Rate: \( \frac{2}{2} \)	□7P 1/2 ce/min    Indian (Sec.)		¥	// //	/ <sub>/</sub>	/	, of Contaming	Lab Use Only Sample Condition as Received: Chilled Li yes Latina Sealed Li Yes Li no
Sample ID	Purge Volume	Discussion	Di	alė	Time	Laboratory Sample Number		ci)	$\angle$		/	A Richard	Remark	s/Special instructions
194-3-10'			04/	3./09	12.30	B4886-11	56	xL_				1	GLAGE	Gos Trout Sen
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## ATTORNEY-CLIENT WORK PRODUCT PRIVILEGED AND CONFIDENTIAL

May 15, 2009

Alex Wallace Miller, Axline & Sawyer 1050 Fulton Avenue, Suite 100 Sacramento, California 95825

Subject:

Soil Gas Survey Data Package Transmittal

Orange County Water District

Muella

Dear Mr. Wallace:

In accordance with our Standard Agreement for Professional Services, Environmental Support Technologies (EST) is pleased to submit the enclosed soil gas survey data package for the following site:

Former Northrop Y19 Site
 1401 East Orangethorpe Avenue
 Fullerton, California
 (May 7, 2009 Analytical Report)

Should you have any questions or comments please contact me at (949) 679-9500.

Sincerely,

**Environmental Support Technologies** 

Michael Marello, PG, CHG, REA I

Project Manager/Senior Hydrogeologist

cc: David Mark/OCWD

EST Project File 2736



## ATTORNEY-CLIENT WORK PRODUCT PRIVILEGED AND CONFIDENTIAL

### **TABLE 1**

# Summary of Laboratory Analytical Data for Volatile Organic Compounds in Soil Gas

Former Northrop Y19 Site, 1401 E. Orangethorpe Avenue, Fullerton CA

05/15/09						EST2736
Sample	Date	Depth	PCE	TCE	1,1,1-TCA	Other VOCs
Number	(mm/dd/yy)	ft. bgs	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Y19-SG1-10 (1PV)	04/30/09	10	2.3	ND<1	ND<1	ND<1
Y19-SG1-10 (3PV)	04/30/09	10	1.0	ND<1	ND<1	ND<1
Y19-SG1-10 (7PV)	04/30/09	10	1.2	ND<1	ND<1	ND<1
Y19-SG1-20 (1PV)	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG1-20 (3PV)	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG1-20 (7PV)	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG2-10	04/30/09	10	8.3	2.6	ND<1	ND<1
Y19-SG2-20	04/30/09	20	ND<1	17	ND<1	ND<1
Y19-SG3-10	04/30/09	10	1.5	ND<1	ND<1	ND<1
Y19-SG3-20	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG4-10	04/30/09	10	2.3	ND<1	ND<1	ND<1
Y19-SG4-20	04/30/09	20	ND<1	ND<1	1.0	ND<1
Y19-SG5-10	04/30/09	10	2.6	ND<1	ND<1	ND<1
Y19-SG5-20	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG6-10	04/30/09	10	3.0	ND<1	ND<1	ND<1
Y19-SG6-20	04/30/09	20	ND<1	ND<1	ND<1	ND<1
Y19-SG7-10	04/30/09	10	1.7	ND<1	ND<1	ND<1
Y19-SG7-20	04/30/09	20	ND<1	ND<1	ND<1	ND<1

### Explanation

ft. bgs = feet below ground surface (approximate)

PV = purge volume

PCE = tetrachloroethene

TCE = trichloroethene

1,1,1-TCA = 1,1,1-trichloroethane

µg/L = micrograms per liter of soil gas

ND = not detected above reporting limit

Note: EPA 8260B VOCs not listed were not detected